

ABSTRACT OF THE DISCLOSURE

An optimized utilization of the resources of a mobile radio network including a number of channels suitable both for the transmission of data and of voice is achieved by a mobile radio telecommunication network and a method for allocating a channel requested for a telecommunication link via a telecommunication network between a caller and a called party. Preferentially, a physical channel having a different wanted-to-unwanted signal ratio is selected when a data channel is requested than when a voice channel is requested.